

NAGENDAR VARKALA

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EXPERIENCE

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| Full Stack Software Engineer Intern <i>INNORIZE ENTERPRISES PRIVATE LIMITED</i> | <i>Oct 2025 — Present</i> <i>Hyderabad, India</i> |
| • Implemented full-stack MERN/Next.js applications and Node/Express REST APIs, achieving a 100 SEO score and reducing API latency ~35% while accelerating feature delivery ~25% by optimizing backend services, integrating MongoDB, and adding text-to-speech and abusive-content filtering | |

PROJECTS

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|---|------------------|
| Airbnb Clone EJS, Express.js, MongoDB | |
| • Built a responsive Airbnb-like app with JWT auth, CRUD operations, and RESTful APIs. | |
| • Integrated geolocation and maps API with high accuracy. | |
| • Improved performance by 40% through backend and frontend optimization. | |
| Campus-Connect MERN, Next.js | <i>— Present</i> |
| • Developed a full-stack campus event management platform, resulting in a 40% increase in event registrations and 70% faster check-in, by implementing QR-based digital tickets, secure role-based access, and real-time attendance tracking. | |
| Video MeetZ React, Express, WebRTC, WebSockets | <i>— Present</i> |
| • Built a MERN-stack video-conferencing app supporting high-quality video, voice, and screen sharing. Implemented WebRTC for real-time streaming with <100 ms latency and WebSockets for scalable multi-user signaling with 99% session stability. Optimized connection reliability by 30% and reduced signaling overhead by 25% for smoother, low-lag communication. | |

SKILLS

Programming Languages: JavaScript, Python, Java, C

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js

Databases: MongoDB, SQL, NoSQL

DevOps & Deployment: Git, GitHub, Docker, CI/CD, AWS, Vercel, Netlify, Render, Postman, WebRTC

Development Methodologies: Agile, Scrum, Test-Driven Development, MVC Architecture

Professional Skills: Problem-solving, Collaborative Teamwork, Technical Communication, Time Management

EDUCATION

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| Sri Indu College of Engineering & Technology, Hyderabad, India | <i>Oct 2022 — Apr 2026</i> |
| <i>B.Tech in Artificial Intelligence & Data Science</i> | <i>GPA: 7.4</i> |
| Sri Chaitanya Junior College, Hyderabad, India | <i>Jun 2020 — Apr 2022</i> |
| <i>Intermediate</i> | <i>GPA: 81%</i> |
| Dilsukhnagar Public School, Hyderabad, India | <i>Jun 2019 — Mar 2020</i> |
| <i>High School</i> | <i>GPA: 10.0</i> |

CERTIFICATIONS

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|------------------------------|-----------------------|
| JavaScript Essentials | <i>2024</i> |
| <i>Coursera</i> | |
| Python Programming | <i>September 2025</i> |
| <i>GeeksforGeeks</i> | |
| Next.js Development | <i>October 2025</i> |
| <i>GeeksforGeeks</i> | |

ACHIEVEMENTS

- Published 5+ full-stack projects on GitHub using MERN stack and Next.js, following clean code practices and comprehensive documentation.
- Participated in multiple hackathons, serving as team lead, driving solution design, task allocation, and timely feature delivery.
- Contributed as a volunteer in college technical events, supporting coordination and collaboration in fast-paced team environments.